Philips
Spiral energy saving bulb

20 W (90 W)
E27 cap
Warm white
Dimmable

8710163394701

# Instant brightness and vivid colours

## For an active, energetic atmosphere

Philips Tornado dimmable energy-saving bulbs allow you to change the light depending on your needs and mood. Due to its compact design, this low-consumption spiral bulb fits almost anywhere, saving energy and money for up to 10 years.

### High performance bright light
- Outstanding brightness and efficiency

### Saves energy and money
- Saves up to 80% energy
- Long lifetime - lasting up to 10 years

PHILIPS

Spiral energy saving bulb
20 W (90 W) E27 cap, Warm white, Dimmable

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# Specifications

### Bulb characteristics
- Shape: Spiral
- Cap/fitting: E27
- Voltage: 220-240 V
- Dimmable

### Power consumption
- Energy efficiency label: A
- Wattage: 20 W
- Wattage equivalent: 90 W
- Power consumption per 1000h: 20 kW·h

### Light characteristics
- Light effect/finish: Warm White
- Light output: 1220 lumen
- Starting time: <1.0 s
- Beam angle: not applicable degree
- Rated centre beam intensity: not applicable cd
- Colour: Warm White
- Colour temperature: 2700 K
- Warm-up time to 60% light: 5-40 s
- Colour rendering index (CRI): 82

### Durability
- Average life (at 2.7 hrs/day): 10 year(s)
- Lifetime of lamp: 10,000 hour(s)
- Number of switch cycles: 30,000
- Lumen maintenance factor: 0.65

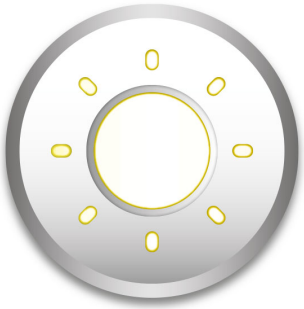
### Bulb dimensions
- Height: 125 mm
- Width: 69 mm

### Other characteristics
- Mercury content: <= 2.0 mg
- Power factor: 0.7
- Lamp current: 120 mA

### Rated values
- Rated power: 20 W
- Rated luminous flux: 1220 lm
- Rated lifetime: 10,000 hour(s)
- Rated beam angle: not applicable degree

# Highlights

### Outstanding brightness



Increased brightness normally means increased energy usage. But with Philips energy-saving bulbs, you can enjoy perfectly bright, energising light, while saving energy and money. Perfect for task lighting in (home) offices and any other space that requires extra brightness.

### Saves up to 80% energy

This bulb uses up to 80% less energy than traditional light sources, helping you to save money on your electricity bills and do your bit for the environment.

### Long lifetime - up to 10 years

Philips energy-saving bulbs are designed to last. With a lifetime of up to 10 years, you can avoid the hassle and cost of frequently replacing bulbs, while saving energy year in, year out.

Issue date 2013-10-21

Version: 1.0.0

12 NC: 9296 896 78308
EAN: 87 10163 39470 1

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* Breaking a lamp is extremely unlikely to have any impact on your health. If a lamp breaks, ventilate the room for 30 minutes and remove the parts, preferably with gloves. Put them in a closed plastic bag and take it to your local waste facilities for recycling. Do not use a vacuum cleaner.
* * Compact fluorescent lamps have to be treated as special waste, they must be taken to your local waste facilities for recycling. The European Lighting Industry has set up an infrastructure, capable of recycling mercury, other metals, glass etc.